

Mint of the United States at Philadelphia,

MELTING AND REFINING DEPARTMENT,

Philadelphia, 15th Aug —, 1882

Sir,

Our present capacity for making base metal blanks, by transferring about one third the force employed on Bullion-melting, is three furnaces, capable of melting 3 melts in each, within the legal hours of work, equivalent to \$2400= (per day of blanks), — or 5 melts in each furnace up to 8 P.M., making \$4000 pr. day. When not working much silver, as at present to the end of August, we can add temporarily the copper-alloy furnace for making base blanks, increasing our capacity to \$3200= pr. day of regular period, or \$5400 pr. day up to 8 P.M. We now employ 9 men for the 3 furnaces, & would require 3 more of the silver men to work this additional furnace.

W^m L. R. Cooperthwaite
Act^y Suptdt.

Respectfully yours
J. C. Booth m & R

784 1/2

Mint of the United States at Philadelphia,

MELTING AND REFINING DEPARTMENT,

Aug. 15, 1882

J. J. Booth
Melter and Refiner.Number of Tunnies
and men available
for Melting & Refining
Ore.

No. of Enclosures, C

Recd Aug 15. 82

[Abstract:] Number of force and men available of Melting base Metal. 784 ½

Mint of the United States at Philadelphia,
Melting and Refining Department,
Philadelphia,
August 15, 1882

Sir,

Our present capacity for making base metal blanks, by transferring about one third the force employed on Bullion-melting, is three furnaces, capable of melting 3 melts in each, within the legal hours of work, equivalent to \$2400 per day of blanks, - or 5 melts in each furnace up to 8 P.M., making \$4000 pr. day. When not working much silver, as at present to the end of August, we can add temporarily the Copper-alloy furnace for making base blanks, increasing our capacity to \$3200 pr. day of regular period, or \$5400 pr. day up to 8 P.M. We now employ 9 men for the 3 furnaces, & would require 3 more of the silver men to work this additional furnace.

Respectfully yours,
Jas. C. Booth
M & R

Mr. L.R. Cowperthwaite
Actg. Suptdt.